

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: n4so@juno.com (charles k brown)
Subject: [16635] "The X Y Z's of Oscilloscopes"
Message-ID: <19970405.081708.6447.4.n4so@juno.com>

The zipped file called The X Y Z 's of Oscilloscopes is still available.

If you receive attachments and know how to handle the attach file I
can try sending it to you.
You will need PKunzip to unzip TSCOPE.ZIP.

The X Y Z's of Oscilloscopes is a basic study guide for learning about
oscilloscopes and contains 9 text files or chapters.

Ken Brown, N4SO
QTH nr Mobile, AL
qrp-1 #622
n4so@juno.com
QRV on 30 meters and looking for 38 Special contacts

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Bigbob97@aol.com
Subject: [16632] 14AVQ?
Message-ID: <970405085535_1287005843@emout16.mail.aol.com>

Hello all,

A friend has offered me his 20 year old vertical which he "thinks" is a 14AVQ
or a 14AVT which is good for 10 through 40 as he remembers it. He doesn't
know the model and doesn't know where the manual is. Does anyone know if
these are valid model numbers and does anyone have a manual they are willing
to copy and send? Also, what's your experience? Can it be used on 10 MHz?

My friend says the antenna uses traps so changing freq may be tough. What
about an antenna tuner? Two radials enough?

I live in the city and have always used dipole fed with 450 ohm twin lead and
a tuner - and beams on 10 and 15 in the belief that they are less noisy.

Never tried a vertical but looking forward to this one!

Thanks in advance for your advice and comments!
Bob WB2DHK in Jersey City, NJ

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [16625] 38 Special Tuning Voltages
Message-ID: <33467946.17116626@smtp.usit.net>

Some time back, someone produced a list of calculated voltages vs. frequency on the 38 Special. I've searched the archives, to no avail.

Anybody have that post? I'm looking at some sort of voltage-based frequency indicator, similar to that done by KD7S in the current QRP Quarterly. The blurb, while probably sufficient for the technocrats amongst us, I couldn't follow. So, I'm thinking of a regular voltmeter or some other arrangement.

Did K1MG ever get anywhere with his digital display? I assume it will measure the oscilation of the 22MHz oscillator, and automatically subtract 12MHz to the display frequency. It sounded nice, but I never saw anymore about it.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
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From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Jim Bennett <jbennett@ebmud.com>  
Subject: [16611] 38S & Marker Generator  
Message-ID: <3345B0AD.726E@ebmud.com>

If you are interested in a very cheap way to know where you are on the 30m band (within 5KHz) with the 38S, read on...

I just finished soldering up the VE3DNL Marker Generator (jeeze, what an easy one this was!) The info on this \$6 kit was posted here several

weeks ago, and I ordered one for use with my 38 Special. The board is only about 1.5 x 1.5 inches, and can fit easily in the enclosure I used for my 38S.

The board does not have any mounting hardware with it, so I drilled a small hole through it at one end where the ground bus is rather wide. Using a small L-shaped piece of aluminum, I bolted it to the inside back of the 38S chassis. The marker generator needs 5-12VDC to operate. I mounted a spst mini-toggle switch in the hole that used to house the \*(&^%\$^\*& RIT control. One side of it I wired to the +V spot on the marker generator board. The other side of this switch goes to my 12VDC power switch. Yes, my 38S has an on-off switch. I incorporated it into the RF gain control.

I wanted 5KHz markers, so I simply soldered a 2" wire to the "5" spot on the marker generator board, and ran the other end (unsoldered) close to U1. When I turn on the marker generator switch on the front of the 38S, I now hear a nice crisp tone at 10.105, 10.110, 10.115, etc.

This was a neat "mod" to the 38S, because (1) I now have a bit more accurate idea of where I'm tuned to, (2) it is a simple kit to build and "align", and (3) it can be done without taking too much of a chance of dorking up a working rig!!

72/73, Jim.

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*-----*
|                Jim Bennett / W6JHB                |
|                jbbennett@ebmud.com                 |
|                Martinez, CA                       |
|                                                    |
|  NWQRP #431      QRP-1 #596      ARRL Life Member  |
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From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: [16648] 38S T H U M P F I X .  
Message-ID: <1.5.4.16.19970404220818.1aef3b9a@cadvision.com>

Hi gang,  
Just read the message from Scott Thomas where he did my suggested mod,  
here is a step by step how to for those less confident to sally forth.

I have done a mod to my 38S to eliminate the thump and it workes like a charm. Earlier I built an audio amp that I mounted on a little board and

attached it to its volume control. The audio amp increased the thump to such a level that I had to get rid of it. I have already sent this to a couple of hams and am forwarding it to you now. The mod is quite simple really, here is how it goes:

Parts needed, one of each.

- : FET Transistor, 2N5484 or 2N4858( any equivalent will do).
- : Diode 1N4148, or 1N914.
- : Capacitor 0.01uF (10nF).
- : Resistor 10M (1/8W for small size can be 1/4W).

1)

Look at the underside of the circuit board and orient it with the regulator side towards you, I will make all references to this orientation.

Carefully cut the trace at the midway between U2-pin 11 and C15 on the underside of the circuit board, now facing you, careful to the way you count the pins on U2 as you are looking at the underside of the board.

2)

Identify the pins on your FET and bend the Gate pin away from the other two, it should be the one furthest from the tap if you have a FET in a metal can. Carefully scrape the protective paint of the trace you cut, about 1/32 (2mm) on each side of the cut untill you see the bare copper foil, then pre tin it, be careful not to over heat the traces as they are small and will lift off the board if over heated.

3)

Trim the two leads on the Transistor, next to the tab and the middle one, to about 3/16 and lay the transistor on its side to the left of the cut in the trace (I filed down a spot in the rim on the Transistor), carefully solder the two trimmed leads one to each side of the cut leaving the Gate lead sticking out in the air for now. The tab is towards the top of the board (north).

4)

Now take the 0.01uF Capacitor and lay it flat on the circuit boards ground about 1/2 inch up 45 deg to the right from the cut you made . The cap will be oriented up down (or north south if you prefer) and solder the upper (north) end of the cap to the hole in the ground trace that should be close to that end of it.

5)

Three ends will now be soldered to the other end of the cap. Solder the third lead of the Transistor to the lower (south) end of the cap. Get the diode and

solder the Anode (the lead that goes to the end that does NOT have the black band) to the cap and the other end (the end WITH the black band) to U4-pin 13, this is due south, pin 13 on U4 is the keyline (T-). The third end is the 10M

resistor from the caps south end to U2-pin 11. If you have a problem getting all the ends to stay in one place when soldering them to the south end of the

cap, solder the other end of those components first and trim and bend the leads to the cap and then solder them there.

Last thing to do is to put a small piece of tape or a drop of glue to make sure the diode leads do not short out anything, check for solder bridges with a magnifying glass, clean the solder flux first with isopropanol or rubbing alcohol and a quetip. The thump is mostly on key up and the FET will cut off the audio and not return it untill the thump is over. The circuit is basically a muting circuit that is placed in the audio line and does not turn the audio back on right away. The trick is to keep the thump out of the audio circuitry instead of trying to deal with it once it is there.

Do hope this helps and I have not confused you too much, if you have any questions give me a shout. Good luck.

72 de Niels  
VE6NJK/TF3NJ

: Argonaut 509, Epiphyte, 49-er on steroids and a thump free 38S  
: And a distinctive swing ;-)

e-mail: nkristja@cadvision.com

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Dave & Connie Matthews <dmatt@frontiernet.net>  
Subject: [16606] 50/40/30 NY NT Results  
Message-ID: <199704050047.TAB79962@node1.frontiernet.net>

What a disaster! I completed only 1 exchange so I hang my head in shame.

The good news:  
KB9NKKU, Randal in IL and I had a nice chat starting at 0200z. We when on for about 1/2 an hour but did get the info across. There was someone sending some really long dashes on top of my replies. The envelope for his card is filled out and ready to go.

KB0ROL, Brad made an appearance at about 0300z. I sent his info the two times that I heard him but didn't hear any response.

At about 0315 my hand locked up. I have had problems with CTS and tendonitis in the past (I am a pc programmer) and all at once I couldn't send anything. The brain said go and the hand

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- - - - - John L. Sielke n4js@amsat.org n4js@pobox.com
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| . ' | | _ _ | | | \ _ _ \
| _ | \ | | _ | \ _ _ / | _ _ /
NE-QRP #507 G-QRP #9544 NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
WIMPS 0s=008 30m=8 17m=0 NorCal QCWA FISTS #2781
12m=0 States=02/00/00 Countries=07/00/00

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From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Dan Robbins <kl7y@alaska.net>  
Subject: [16674] AL7FS  
Message-ID: <199704052224.NAA22616@calvino.alaska.net>

AL7FS is on 14061 now, but condx are very poor with lots of QSB. Let's hope things improve....

Dan KL7Y

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennnc@alaska.net>  
Subject: [16649] AL7FS - Please post freq. for me.  
Message-ID: <33468C50.288D@alaska.net>

Quick note.... my monitor is near dead. Screen pulls, then goes black.

If you work me today, please feel free to post to the QRP-L list what frequency I am on. It is hard to break away from the rig and do the posting myself. Dan sometimes posts for me.

Thanks,

Heading out in 15 minutes.

73,  
Jim  
AL7FS

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Kr0i1@aol.com  
Subject: [16659] AL7FS on 14.062  
Message-ID: <970405145209\_-2105071002@emout13.mail.aol.com>

Jim, AL7FS, is on 14.062 with a honest 579 signal into M0 at 1950Z/5 April. He has good ears - gave me a 559. Go get him!

72/73 de Mac KR0I AK/QRP 154 QRP-L 1037 CQC 424

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Ron Boyd <rdboyd@hiwaay.net>  
Subject: [16672] AL7FS on 14062 @ 2200Z  
Message-ID: <1.5.4.16.19970405161033.2097e010@mail.HiWAAY.net>

Hello QRPers:

I just worked AL7FS on 14062 @ 2200 UTC, with 5 watts (Kenwood TS 850) to an attic dipole up 20 feet.

He gave me a RST 329. I gave him a 339. Lots of QRN down here in Decatur, AL, with thunderstorms.

He is still calling CQ. Y'all go get him!

72 de K04V0  
Ron Boyd

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Dan Robbins <k17y@alaska.net>  
Subject: [16658] AL7FS QRV  
Message-ID: <199704051948.KAA28731@calvino.alaska.net>

AL7FS/QRP now QRV 14.062.1

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: k5id@inetsp.net (Kenton E Graham)  
Subject: [16607] AR SCHEDULE NEXT TUES EVENING  
Message-ID: <199704050117.TAA30399@inetsp.inetsp.com>

Hi ALL--

One correction to the ARKansas schedule is that it will be K5ID, not K5IO...

I plan to be on the full 4 hours. Look for me close to 10.115 at 0000--0200z and 7043 at 0200--0400z +/- qrm. Come keep me busy....

72/73  
Ken K5ID



From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [16614] Complete Packet Station SOLD  
Message-ID: <19970404.212204.4615.0.wb2vuo@juno.com>

It hasn't been shipped, but it is called for.

72/73, Keith, WB2VUO

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Buck Switzer <n8cqa@tir.com>  
Subject: [16651] Dan's Small Parts  
Message-ID: <199704051808.NAA19721@tir.com>

Gang - I'm a long term, satisfied customer of Dan's. Placed an order when he was closed and received a full refund. Have many kits and a ton of parts from Dan, all as advertised or better.

The usual disclaimers apply.

72/73 Buck

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Doug <doug@sunrise.alpinet.net>  
Subject: [16655] Dan's Small parts.....pls read.  
Message-ID: <3346A9EB.4C3B@alpinet.net>

Hi to all Dan's defenders....I appreciate your taking time to write and express opinions on his service. Perhaps it's time for me to take a step back and admit that Life is a learning process....and my turn may have just come up.

The trouble we've had here with Dan was some years back..3or 4 I believe. Reading the responses here on the list, it appears to me that his latest effort in the parts selling racket has been admirable, and hopefully successful. Anyone who can stay in business selling little boxes of piece parts deserves our (my) respect. Fortunately, we've got a fellow here in Bozeman who's gone out of his way to keep us all in parts and is a dedicated supporter of those few of us left who still burn

solder. He is however getting on toward retirement and will eventually bag the business, hopefully to be succeeded by another dedicated sole.

As a self employed Communications gear repairman, I'd love to be able to deal with someone here in state and save the ridiculous "minimum order" requirements from some of the bigger suppliers. Perhaps Dan's the man. To me...it's worth another shot.

Part of what I do here in the Mtns is to assist newcomers into the hobby in finding kits, parts and whatever else they'd need to get their fingers into the hardware side of radio....especially Qrp. We've on occasion had to redesign circuits and stages due to lack of parts for the projects....often not achieving the desired result due to the change. So...to have a dependable supply of parts this close would be a real blessing.

Therefore, if one of you would be so kind as to forward me Dan's latest address, I'll be after him for a catalog and whatever other information I can garner about his Qrp rig efforts, and if I can get him on the phone, I'll see if I can find any info that'd be of interest to the group.

In addition, those of you who are trying for WAS on your new 38S rigs can contact me...I'll do what I can to meet you on 30 meters for your Qso.

This has been a "Spirited" disscussion, but time to end it has come. And, time also to consider one's position and attempt to be further educated by life's schoolbooks.

Thanks to all

72, 73

Doug, K7YD  
Livingston, MT

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: PDouglas12@aol.com  
Subject: [16670] Dayton: Badge faq  
Message-ID: <970405161953\_1883704796@emout16.mail.aol.com>

Ladies and Gents:

As in past years, I will be making convention badges for the online QRP bunch for the 1997 Dayton Hamvention (c). Please keep in mind that these are for

delivery at Dayton only, not for mailing, and not for "outsiders", meaning that I ask that you request your own badge, but please don't ask me to make one for your friend who is not online. As it is, I will be doing about 150-200 badges this year. Obvious exceptions: Spouses, and immediate family members. Do request a badge for family members who will be with you.

The badges will have QRP ARCI and FDIM in the heading (All-in-one this year.) Vendors will have a line with the name of their company, and FDIM Speakers will be identified as well (on a separate line shoe-horned in).

After struggling for two days, I haven't been able to fit the QRP-L logo--so I reluctantly concluded it had to go so I could fit all the other data.

HOW TO GET A BADGE: Email me at pdouglas12@aol.com, with your name and call. That's it. Badges are free.

FDIM ATTENDEES, AND FDIM SPEAKERS, AND FDIM VENDORS DO NOT NEED TO REQUEST A BADGE. I ALREADY HAVE YOUR INFO. NO NEED TO SEND A REQUEST.

Once a week, I will post a "printout" of my badge database thus far, so you can check your info for accuracy--there are always a few errors in the early rounds as these have to hand entered the first time they go into the database. My program puts new entries on the bottom of the otherwise alphabetical list, so if you have just requested a badge, check there if your name isn't in the normal place in the list.

WHERE CAN I GET MY BADGE AT DAYTON? First, they will be available at the Thursday FDIM seminar at check-in. Later on, they will probably be at the QRP booths in the Hamvention convention hall. In past years the G-QRP gang has graciously allowed pick-up at their booth, and I hope to impose on them again this year. And in the eves, we will try to bring back the leftovers to the Days Inn South for pick up at the banquet and evening programs.

That's it. I have the database ready to receive your data. Get psyched, it is coming.

Still sitting on your tail thinking, "gee maybe I will go someday"? Move it. This is the year.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: PDouglas12@aol.com  
Subject: [16669] Dayton: first badge list  
Message-ID: <970405161949\_-1603585700@emout10.mail.aol.com>

Gang,

Here follows the first badge list from my assembled database. Badges for QRP-L, FDIM, including vendors and speakers will be printed from this list, so please check it to assure your own entry is accurate. Email me with corrections.

I am up near 130 already, but keep them coming! I do expect the list to grow as FDIM registrations continue to flow into Bob Follett (bfollett@dtell.com).

And ordinary online members of our QRP-L group can email their badge requests directly to me. Before requesting a badge, please read the badge faq posted simultaneously herewith for the sake of my sanity!

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|            |         |        |                                |
|------------|---------|--------|--------------------------------|
| ADAMS      | CHUCK   | K5FO   | FDIM SPEAKER                   |
| ALBERT     | TED     | KF8EE  |                                |
| BACHMANN   | RICHARD | N3SLR  |                                |
| BEEDLOW    | PETER   | NN9K   |                                |
| BENSON     | DAVE    | NN1G   | FDIM SPEAKER SMALL WONDER LABS |
| BERTUZZO   | SERGE   | VA3SB  |                                |
| BLANCHARD  | DENNIS  | K1YPP  | JADE PRODUCTS, INC.            |
| BLANCHARD  | JANE    | KA1FUN | JADE PRODUCTS, INC             |
| BORNSTEIN  | STEVE   | K8IDN  |                                |
| BOWMAN     | BOB     | AA5VS  |                                |
| BRAUN      | SCOTT   | KB2GWF | EMBEDDED RESEARCH              |
| BROWN      | DAVE    | K8AX   |                                |
| BURDICK    | WAYNE   | N6KR   | WILDERNESS RADIO               |
| BUTLER     | RALPH   | K6ZAN  |                                |
| BUTLER     | RAY     | WA4KEJ |                                |
| CARR       | MIKE    | WA1QAA |                                |
| CARTWRIGHT | DON     | N2NNF  | EMBEDDED RESEARCH              |
| CARVER     | BILL    | W7AAF  | FDIM SPEAKER                   |
| CATES      | JIM     | WA6GER | NORCAL 38 SPECIAL              |
| CAVCEY     | KEN     | W0YOR  |                                |
| COPELAND   | DAN     | KF0OV  |                                |
| CORBIN     | LOWELL  | W8IQB  |                                |
| CORBIN     | ROBIN   | NI9R   |                                |
| CUMMING    | JOHN    | VE3JC  |                                |
| DIANA      | GARY    | N2JGU  | EMBEDDED RESEARCH              |

|           |            |        |                                   |
|-----------|------------|--------|-----------------------------------|
| DOBBS     | REV GEORGE | G3RJV  | FDIM SPEAKER                      |
| DOLSON    | BILL       | K8DDV  |                                   |
| DOLSON    | JIM        | WB8ZBD |                                   |
| DOUGLAS   | PRESTON    | WJ2V   | FDIM VENDOR CHAIR FDIM SPEAKER    |
| DOYLE     | DON        | AC5II  |                                   |
| DOYLE     | RON        | N8VAR  |                                   |
| DURBIN    | KEN        | K8CQ0  |                                   |
| DYER BOB  | KD6VIO     |        | WILDERNESS RADIO                  |
| EILERS    | MICHAEL    | AC4XS  |                                   |
| EVANS     | JOHN       | N3Q00  |                                   |
| EVANS     | KEN        | W4DU   |                                   |
| EVANS     | PATTY      | N3TOK  |                                   |
| EVERHART  | JOE        | N2CX   | FDIM SPEAKER                      |
| FIELDS    | TOM        | WB9VTY |                                   |
| FIRLIK    | DON        | K8AQZ  |                                   |
| FIRTH     | GRAHAM     | G3MFJ  |                                   |
| FISHPOOL  | TONY       | G4WIF  |                                   |
| FITTON    | JIM        | W1FMR  |                                   |
| FOLLETT   | BOB        | AB7ST  | FDIM REGISTRATION CHAIR           |
| FOOTE     | JOHN       | KR4GL  |                                   |
| FRISZ     | TOM        | N9DD   |                                   |
| GAFFNEY   | BERNARD    | N8PVZ  |                                   |
| GOBRICK   | BOB        | N0EB   | FDIM SPEAKER FDIM PUBLICITY CHAIR |
| GOEMANS   | PAUL       | WA9PWP |                                   |
| GRAHAM    | KEN        | K5ID   |                                   |
| GREER     | JEFFREY    | W4ETO  |                                   |
| HARTLEY   | CHARLES    | KM3V   |                                   |
| HENDRICKS | DOUG       | KI6DS  | NORCAL 38 SPECIAL                 |
| HENSHAW   | JERRY      | KR5L   |                                   |
| HENSHAW   | JERRY      | KR5L   |                                   |
| HERON     | GEORGE     | N2APB  | FDIM SPEAKER                      |
| HIDEG     | STEVE      | N8HSC  |                                   |
| HIMES     | MARTIN     | WB8FNH |                                   |
| HIMES     | MARTY      | WB8FNH |                                   |
| HINTZ     | GUS        | W2ZHA  |                                   |
| HOLLER    | DAVID      | N1RGN  |                                   |
| JIVOIN    | GREGORY    | WD8JTN |                                   |
| JOHNEY    | GARY       | N3BYN  |                                   |
| JOHNSON   | HAROLD     | W4ZCB  |                                   |
| JONES     | ALLEN      | W9DZ   |                                   |
| JUCH FRED | N5JX0      |        |                                   |
| KARTY     | STEVEN     | N5SK   |                                   |

KELLNER RICH W5RXP  
KELLOGG BOB AE4IC  
KELLOGG ELLEN A1XYL  
KELSEY BILL N8ET KANGA US  
KOHLE HANK K8DD  
LIFLAND TOM W2RFU  
LUDINSKY CHUCK K1CL  
LYNCH MARTIN KA1LXG  
MANUEL ED N5EM  
MASSENA FRED KG8OK  
MATHESON HUGH K0QD  
MEIER PETE WK8S FDIM/ARCI BANQUET CHAIR

MIDKIFF MONTE N7TAU  
MITCHELL BRAD WB8YGG  
MITCHELL BRAD WB8YGG EMBEDDED RESEARCH

MOIZEAU CHARLES W2SH  
MOYLE AL N3KFL  
MUSCOLINO BRUCE W6TOY/3 FDIM SPEAKERS CHAIR FDIM SPEAKER

OWEN JAMES K4CGY  
PASSIONE VINCE WA2ECP  
PERRY DIKKIE XYL  
PERRY MIKE PA3ASC FDIM SPEAKER  
POWERS DAVID KB8RVS  
PUCKETT DAN WD8AAU  
REED WAYNE K9NE  
REES CHRIS G3TUX  
REES CHRIS G3TUX QRP COMPONENT CO

REID GLEN K5HGB  
ROBERTS KEN VE3BGW  
ROSENFELD SCOTT NF3I  
SCHILL BOB N9ZZ  
SCOTT JAMES W9KV  
SHEARER SAM WB5ZJN  
SHILHANKE TERENCE W0PFR  
SIMON ED K04CO  
SPECHT PHILIP K4PQC  
STAFFORD JIM W4QO  
STEWART DOUG N2BEG EMBEDDED RESEARCH

STICHWEH DAVID N8GKQ  
SWITZER BUCK N8CQA  
SZAKONYI DICK KA3ZOW S & S ENGINEERING

SZAKONYI KATHY N3SAD S & S ENGINEERING

TANTON ED N4XY  
TODD RON K4WZ  
TODD RON K4WZ  
TOUTH LEN KG8SF  
TRACY DAN KC9RH  
WINDISH WALD KB2JE  
WINKLER DAN N7IVR  
WOHLSCHLAG DICK WA9FLX  
WOHLSCHLAG MARGE XYL  
YOUNCE JIM K4ZM  
YOUNG NILS WB8IJN  
YOUNG PAUL KC2AHB  
YOUNG TERRY K4KJP  
WIDMAYER GARY N8AYY

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72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: "James S. Braun" <jsbraun@frontiernet.net>  
Subject: [16630] FS: Ten Tec Argosy 525  
Message-ID: <3346778C.794D@frontiernet.net>

I am relisting this posting due to problems with my local server.  
I have for sale a Ten Tec Argosy 525 Transceiver with the following  
options installed:

#218 (1.8 khz SSB Filter)  
#220 (8 pole xtal IF Filter 2.4 khz)  
#223 (Noise Blanker)

Transceiver is in very good condition: few scratches on top of case and  
top edge portion of front plate, but face of same is in excellent  
shape(no scratches or wear marks).

Manual and Hand Microphone included.

I am asking \$400 or trade towards a Qrp+, Argo, or Scout.

If interested please contact me at (716)367-9826 or e-mail at:  
jsbraun@frontiernet.net

Thanks for the B/W...

72's  
Scott  
KB2GWF

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: "Allan G. Taylor" <ataylor@midas.llnl.gov>  
Subject: [16612] General info: QSTs ,grid square award, new reflectors-to-be  
Message-ID: <199704050009.QAA17514@midas.llnl.gov>

1.

In the past few weeks I have helped a few members of QRP-L and towertalk reflectors with copies from QST issues. I would now like to offer that to the qrp-l group as an open offer: If anyone needs info or copies from QSTs from 1973 to present, I have a COMPLETE set at my disposal. I can be reached during workhours (!) at k7gt@qsl.net . Needless to say, I am not here on weekends.

In a few months, I expect to acquire the volumes covering 1946 through 1972. Provided W6PYO comes through.

I am NOT on the active distribution for QRP-L but am on the digest form, so if you want to take me up on my offer, please e-mail me directly.

2.

In a private e-mail begun from a QRP-L thread, I pointed out to a WA5 that there is an award given by the JAs for working AND confirming grid squares . The award comes in two flavors WASA-VHF and , of more interest to me and potentially to QRP-L, WASA-HF. The award came to my attention through JA1JKG and it was at a time when I was becoming grid-square aware. The award is from the JARL. I am actively pursuing the various levels of this award in addition to 40 m DXCC (not QRP, at this time) and I am having a great deal of fun.

If there is interest in this award, I will post the rules that I received from JA1JKG.

As a footnote: everyone PLEASE put either your correct grid square loc OR your latitude/longitude on your QSLs. Many of my requests for QSLs for a grid square have gone awry because the sender did send a QSL, but didn't heed my request for the grid loc info.

3.



Al K3TKJ has begun providing web pages and e-mail forwarding to hams. His latest venture is in providing some mailing list / reflectors of interest to hams. If all goes well, there should be mailing lists begun soon on the topics

ham books

mobile and portable

software for hams

CW . . . . this one is my brainchild it might be of interest here...  
( after all, if it isn't CW it must be CB)

See his web site <http://www.qsl.net>

My apologies to the fellow with crystles which wouldn't osculate. I missed the date on the digest I was going through and fell for it. Three days late.

Grant Taylor K7GT

email: k7gt@qsl.net

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              (o o)
-----oo0-(-)-0oo-----
|
|           |
|   Allan Grant Taylor   |
| Center for Applied Scientific Computing |
| Lawrence Livermore Nat'l Lab           |
|           |
|   e-mail: k7gt@qsl.net   |
|           ( or taylor3@llnl.gov)       |
|           |
|   surfmail: LLNL MS-561   |
|           P O Box 808     |
|           Livermore CA 94551-9900      |
|           |
|   work phone : (510) 422-1572           |
|   fax         : (510) 423-2993         |
|   home phone  : (510) 846-8703         |
|   home loc: CM97aq Pleasanton CA      |

```

```
|      'alarmingly close to SF'
|
|                                     |
|  work page:                        |
|  http://www.llnl.gov/CASC/casc_home.html  |
|  personal page:                    |
|  http://www.qsl.net/k7gt           |
|                                     |
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From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: n4js@amsat.org  
Subject: [16602] GI0KOW on 10.104  
Message-ID: <XFMail.970404164801.n4js@amsat.org>

599 into NJ at 2150Z

Sent at 16:48:01 on 04-Apr-97

John L. Sielke n4js@amsat.org n4js@pobox.com  
n4js@n4js.ampr.org NJ Grid:FM29LN  
<http://www.pobox.com/~n4js>  
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328  
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781  
WIMPS Qs=008 30m=8 17m=0 12m=0 States=02/00/00 Countries=07/00/00

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Goemans <jgoemans@facstaff.wisc.edu>  
Subject: [16604] GI0K0W/Another 38spl  
Message-ID: <199704050042.SAA32446@audumla.students.wisc.edu>

Well,

It had to happen. Another 38SPL on the air, this aft. First QSO, yep, GI0KOW. My 38spl kicks out 5 watts on a gel-gel, antenna is a Butternut HF6V in the yard. Not bad for Wis, the RF hole ! FYI, I let the smoke out of my first 2 IRF510s, but this one came from Dan's Small Parts, and I installed the ferrite bead I should have put in to begin with !!

72, Paul

Paul R Goemans WA9PWP  
1508 Sundt Lane  
Stoughton, Wi. 53589-1069 608-877-4151  
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Allen Jones <ajones@adsnet.com>  
Subject: [16650] Ham Mag Collection  
Message-ID: <1.5.4.32.19970405175029.006bbab8@206.158.2.1>

I have a collection of QST magazines, 1-77 through 12-89 and 73 magazine 1-76 through 12-89 that I would like to donate to a club, organization or school . All I would want is the cost of shipping and the knowledge that they wern't going to end up in a landfill somewhere. I'm running out of storage and would like to find them a new home where they can be of use.

Allen Jones, W9DZ  
Michigan City, IN  
ajones@adsnet.com

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: kh6b@juno.com (Dean W Manley)  
Subject: [16647] Honolulu Electronics  
Message-ID: <19970405.062714.5391.1.kh6b@juno.com>

My apologies gang, Honolulu Electronics is still in business. Good news!  
Thanks Lawence NH6NJ and Mike@krypton.  
I missed seeing them on my last annual visit from Hilo to Honolulu. I knew Tom KH6BM (now sk) when he ran the store.

73 and Aloha, Dean Manley KH6B  
ARRL Life Member, HI Chapter QCWA,  
ARCI 6257, QRP-L 1032, HI-QRP 1, NorCal ????,  
BK29KP Hilo, Hawaii  
kh6b@juno.com

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: PGSPersEng@aol.com  
Subject: [16664] I finally got AK!!!!  
Message-ID: <970405152643\_-601925803@emout02.mail.aol.com>

I just worked Jim, AL7FS, on 14.062 (QSO ended at 2018Z). It was \*very\* tough and took him more than 10 minutes to get my basic info. I apologize to all who were waiting patiently in line to work him.

MANY thanks, Jim, for hanging in there to dig out my signals from NH. You've got some great ears, especially if the digidroids were creating as much havoc up there as they are down here.

Now all we need is a "QRP Superstation" in KH6 land and I'll have my QRP WAS...

Thanks again, Jim. I'm sure there are many members of the list who appreciate you going out of your way to help us. Also thank your host for the use of the superstation.

72,  
Paul, AA1MI

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: k4wz@juno.com (RON L TODD)  
Subject: [16605] IOTA FREQUENCIES  
Message-ID: <19970405.194111.9151.59.k4wz@juno.com>

WHAT ARE THE COMMON IOTA FREQUENCIES ???

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC  
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET  
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER  
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.  
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Ken Freedman <n1qqv@cshore.com>  
Subject: [16642] Knights QRP Expedition  
Message-ID: <3.0.32.19970405104213.006abda0@cshore.com>

W4QRP active on 7.041 and 10.117 as of 15:08Z-15:29Z

Ken Freedman

AKA: N1QQV/QRP VE, EC Madison CT, QRP-L

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [16671] LDG tuner purchase CLOSED

Message-ID: <Pine.3.89.9704051615.H23109-01000000@w3eax.umd.edu>

Thanks to all - the closing time has passed.

IF you ordered one, and haven't sent me your check yet, DO IT NOW OR 30  
OTHER PEOPLE WILL BE MAD AT YOU!

Why?

I wish to wait for a majority of checks/money orders to arrive before  
ordering. I suspect this will occur by Tuesday, at which time the order  
will be placed.

Scott Rosenfeld NF3I

4015 Sparrow House Lane

Burtonsville, MD 20866-1333

thanks to ALL who are participating!!!

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: Buck Switzer <n8cqa@tir.com>

Subject: [16652] MI-QRP Web Page

Message-ID: <199704051822.NAA23417@tir.com>

Gang - After a couple days of problems, the MI-QRP web page is up and  
running again.

URL: <http://www.geocities.com/CapeCanaveral/2844/miqrp.html>

72/73 Buck

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [16624] Need a battery monitor?  
Message-ID: <860230594.0625784.0@gqrpclub.demon.co.uk>

Check my web page for a nifty circuit!  
(<http://www.gqrpclub.demon.co.uk/battmon.htm>)  
---72/3---Frank G3YCC G QRP 042  
QTHR (Kirk Ella, East Yorkshire)  
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997  
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
Subject: [16609] Nested Half-Squares  
Message-ID: <19970405013502.AAA12475@LOCALNAME>

w angle DX pattern fails. I have given thought to nesting but haven't really come up with anything. Are you using a single feedline or multiples? Any help would be much appreciated.

>72, Frank - WB6LMA

~~~~~

I'VE HAD GREAT LUCK WITH ONE FEED, RG-8, AND .2" LUCITE SPREADERS THAT KEEP THE WIRES AT LEAST 3" APART. THE NEAR VERTICAL LOOKS THE BUSIEST, SINCE ALL OF THE 1ST ELEMENT DROPS COME OFF THE COAX SHIELD AT THE SAME POINT, WHICH IS A DRILLED EQUALATERAL TRIANGLE ABOUT 6"/SIDE. 4 HOLES FOR THE FIRST ELEMENTS HEADING DOWN, THEN 4 MORE FACING OUT FOR THE PHASING LINES TO WHERE EACH 2ND ELEMENT DROPS, -EACH FROM ANOTHER LUCITE SPREADER. THERE IS SOME INTERACTION BETWEEN THE 15 & 40M ANTS, SO MAYBE I'LL DROP 15M AND REPLACE IT WITH 12M. (WIMPS IS A MOTIVATION FOR THAT MOVE, TOO!) I HAVEN'T TRIED OPEN LINE SINCE THE FEEDPOINT IMPEDANCE IS BELOW 100 OHMS RATHER THAN ABOVE IT. JUST TO KEEP MY COAX CLEAN I USE A BEAD BALUN. THE FEED FOLLOWS THE SUPPORT ROPE ABOUT 25 FEET BACK TO THE SUPPORTING TREE TOP, THEN DOWN AT A FAIRLY STEEP ANGLE TO GROUND LEVEL, THEN TO THE HOUSE FOR A TOTAL DISTANCE OF ABOUT 120'. THE ANT IS MADE OF HOME DEPOT #14 THHN STRANDED. I FOUND THAT THE USUAL DIMENSIONS WERE A COUPLE OF PERCENT LONG, PROBABLY CUZ OF INSULATION EFFECTS. I USE 12 TO 16 OZ. OF LEAD AT THE END OF EACH ELEMENT DROP TO KEEP THE WIND-WHIP UNDER CONTROL. I MAY TIE EVERYTHING IN POSITION WITH LIGHT MONOFILAMENT LINE TO PROVIDE FURTHER STABILITY.

THAT'S ABOUT IT. SIMPLE, CHEAP AND WORKS LIKE A CHAMP. 72, =S=
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [16608] NESTED HALF-SQUARES...
Message-ID: <19970405013502.AAB12475@LOCALNAME>

```
>
>Seab,
>
>Did you have to make any adjustments in length or otherwise to nest
>them? What are your lengths and heights? How fed?
>
>I think the group would be interested in what you have done, as well as
>your results.
>
>thanks,
>Ken, N6TZV
vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv
yup... i had to shorten a bit. used the formulae for the BOBTAIL CURTAIN
in the ARRL ANT. HBK for starters, but think that the trim needs will vary
with each version and spreader strategy. I just fold the wire back, winding it
around itself, rather than actually cutting. (lesson learned from trying
to solder out there in the "back-fourty") Pls see my other posting to the
list; same subj. 72 =s=
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA
```

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Conard Murray <ws4s@InfoAve.Net>
Subject: [16662] New instructions for Glowbug signup
Message-ID: <2.2.32.19970405192913.0070631c@infoave.net>

Hello all,
I think I made a mistake and there has been a change in the server, so there

are two reasons for this message.
The new and permanent server for the Glowbugs list is at www.atl.org. To
subscribe to it, send a message to
majordomo@www.atl.org
in the body put
subscribe glowbugs your_call your_email_address.
If you can, please CC: the message to me at ws4s@infoave.net.
Sorry for the goof.
73,
de Conard WS4S

Conard Murray WS4S Glowbugs listowner ws4s@infoave.net
217 Dyer Avenue Cookeville, TN 38501 615-526-4093
Member Arizona ScQRPions QRP-L #993 Friend to anything TCS or GRC-19
<>< Wise men still seek Him ><>
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Byron8LCZ@aol.com
Subject: [16634] Not QRP, but.....
Message-ID: <970405091452_-769727314@emout18.mail.aol.com>

Not QRP, but

PBS PREVIEWS: April 7-13, 1997

SCIENTIFIC AMERICAN FRONTIERS

"Robots Alive!"

Wednesday, April 9, 1997 (8-9:00 pm)

Alan Alda visits robots with minds of their own--such as COG, an
autonomous robot with the mind of a six-month-old baby--and introduces
viewers to participants in an intelligent robot contest. (CC, Stereo) To
learn more about Robots Alive!, check out the Scientific American
Frontiers Web site at <http://www.pbs.org/saf/>.

72, Byron WA8LCZ

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>

Subject: [16617] Pixie II postscript file!

Message-ID: <Pine.OSF.3.94.970404214240.4287B-100000@fly.HiWAAY.net>

Hey Gang,

Where can I find the postscript file for the Pixie II, or any other QRP rigs around. I have a shareware version of a postscript viewer and I'd like to view some schematics and some QRP items with it. Any ideas?

Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>

Subject: [16621] QRP Prayer for AL7FS on Saturday

Message-ID: <33460016.796E@alaska.net>

Say a prayer for propagation for AL7FS for Saturday. The bands today were really puny from up here.

I will try to post to QRP-L from time to time through the day. Let's all make QSOs together. 2xQRP, of course.

I'll be on from KL7Y all day Saturday from about 1900z until no one will work me...maybe as late as 0500-0600z.

73,

Jim

AL7FS

email at KL7Y is kl7y@alaska.net

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: Joe Everhart <n2cx@voicenet.com>

Subject: [16660] Rainbow Tuners are shipped!!!

Message-ID: <199704052000.PAA04956@mail3.voicenet.com>

Folks,

OK now, I just shipped up to and including Rainbow Tuner # 300 this morning. Very soon, you all should get yours if your order was in the first build. In fact, shipping has been rather fast. Even Jon Iza in Spain, got his within a week of it being shipped in late March!

There have been a number of queries from folks lately who have not

gotten their order numbers. If you have not gotten one, it's probably a safe bet that your number will be over 300 and be included in the second build. With the volume of orders received, it has been hard for our volunteer force to keep up. Those who sent mailing labels and legible e-mail addresses got first priority in notification. Unfortunately not all of the e-mail addresses received were legible, causing extra work that delayed our sending out order numbers. And we had to set the absolute first priority on getting out kits to those in the first build.

Now that we have a short rest period, we will concentrate on orders for current (as of late Feb) NJQRP members whose kits were not shipped until the other customers were satisfied.

Of course we can't rest **too** much, the parts for the second build are beginning to arrive. I just got a LARGE package of parts from Danny's Small Parts today!

Once we have evaluated the number of outstanding orders, we may be forced to not accept any more for a while. Build 2 is slated for 200 units and we have to keep some for Dayton!

Thanks to all for their faith in NJQRP, their patience in waiting for their Rainbows and to Doug Hendricks for getting us in this maelstrom in the first place. :-)

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: flydnq7x@primenet.com (Floyd Smithberg)
Subject: [16615] ScQRPion Meeting
Message-ID: <199704050230.TAA12452@usr09.primenet.com>

The April meeting will be at the usual location and time...first Saturday of every month at:

Lubys 1933 W.Dunlap Phoenix 1030AM
Much to discuss....FYBO, QTTF, FD, ARCI Spring Party, Bumblebees, Patches,
Numbers, Panel decals,
signals from outerspace, Visitors, Show & Tell (bring your latest creation
or problem), lunch and more.
Everyone welcome!
72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ
ARRL ARCI NORCAL G-QRP AARP DXCC ETC

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [16622] Shack pictures
Message-ID: <860230430.0625118.0@gqrpclub.demon.co.uk>

There are more shack pictures of QRPers appearing on my web page, how about
yours?
(<http://www.gqrpclub.demon.co.uk/shacks.htm>)
---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: JFelts4572@aol.com
Subject: [16644] Shuttle
Message-ID: <970405110118_-900870720@emout12.mail.aol.com>

A long long time ago somebody (Goddard Space Center-maybe?) used to
rebroadcast the astronauts talking to Houston on the ham bands. Do they still
do it, and if so what freqs?

Jerry -- NR5A -- Box Elder, SD Where its a blowing and a snowing--YUK!

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "Dan Gannon, WA5ANF" <wa5anf@qsl.net>
Subject: [16631] subscribe qrp-l Dan WA5ANF
Message-ID: <334604AF.745D@qsl.net>

unsubscribe qrp-l Dan WA5ANF

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [16633] Teflon wire
Message-ID: <Pine.GS0.3.95.970405085453.9711B-100000@conciliator.acsu.buffalo.edu>

Periodically I get mail regarding Teflon wire.

To avoid repeating the info.....I thought it would be better to post it here.

I have 22 and 24 AWG Teflon insulated wire in 500' metal spools and 1000' plastic spools.

I also have assortments of TFE wire in 22 and 24AWG as follows:

10 (50') spools or a total of 500' plus 5 feet of mini TFE coax in a superpak (this pak has 10 different colors of 22 and 24 AWG stranded silver plated Tfe insulated wire...the good stuff)

Cost including shipping:

superpak \$44 (by 2 day mail)
500' spool \$25
1000' spool \$48

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: W5HNS@aol.com
Subject: [16661] TEXAS QSO PARY 1997
Message-ID: <970405151116_2014220444@emout20.mail.aol.com>

TQP 97 IS APPROACHING!!! HERE IS A REMINDER!!!!!!

THE TEXAS QSO PARTY sponsored by the Texas DX Society. 1400Z May 3 to 2200z May 4, 1997. Exchange RST and State (Province, Country, or Maritime region). Texas stations use RST and County. Stations may be worked once per band/mode. Texas mobiles may be worked once per band/mode from each county. Categories for single and multi op, multi single and multi multi, Texas mobile single and multi op, QRP single and multi xmtr, and a Club Aggregate category. Score two points per phone QSO and three points per CW and other digital mode QSO. Multipliers: non -Texas stations use number of Texas counties worked - a total of 254 plus Armadillo County mystery station. Texas stations use number of Texas counties, states, Canadian Provinces, and DX countries (less USA, Canada, Hawaii and Alaska). Add bonus points to your final score: Non - Texas stations add one hundred points for EVERY ten Texas mobiles worked per band/mode. Texas stations add one hundred points for EVERY ten Texas mobiles worked per band/mode. Texas mobiles add five thousand points per every five counties covered with at least five contacts per county and add one hundred points for EVERY ten Texas mobiles worked per band/mode. Suggested frequencies: CW - 30 khz up. Phone - 25 khz up in General class segments. VHF - 50.200 144.200 Send logs (and dupe sheets if over 200 QSOs) by June 5, 1997 to TDXS, POB 540291, Houston, TX 77254 or Email to W5HNS@aol.com. For a complete set of rules see TDXS website <http://wb5fnd.tech.uh.edu:80/~tdxs/> or Email and/or SASE to W5HNS. TQP is supported by NA Contest Software from LTA @ (216) 565-9950 .

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: tahrens1@juno.com
Subject: [16668] TH7DXX - SWR at Ground level?
Message-ID: <19970405.151505.4895.1.tahrens1@juno.com>

I finally put it back together, and am just trying to get a feel if I'm close. The book says 'VSWR curves typical @ 70', similar for between 30 \$ 100'.

Using my MFJ, the swr is minimum at the following frequencies: 13.77 mhz, 20.3 mhz, and 27.7 mhz.

The antenna is on a pair of ladders, 5' off the ground.

I don't plan on tuning it for lowest swr there, but does the resonant frequency go up as I go up in the air?

I don't want to put it up without some 'warm fuzzies'

Thanks,

Tim W5FN

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "James R.Sharp" <lobar@doitnow.com>
Subject: [16654] unscientific horizontal loop
Message-ID: <199704051930.MAA07300@in1.doitnow.com>

Hi people!

I don't have an ant program so thought I'd ask you folks.

I'm going to construct a horizontal loop at my QTH.
I'm in a two story so my plan is to run steel wire (cheap) around the overhang of my roof (abt 20 feet high). The north end will leave the structure and extend to a palm tree then east to a 20 ft pole then south to another 20 ft pole then back to roof overhang. Probably abt 150 feet. All contact areas will be insulated with PVC stand-offs.

I plan on feeding it with what I have available, (cheap) a 1:1 current balun fed by RG8X. I know 450 ohm ladder line would/SHOULD be better but!

Since I'm planning 10 thru 160 meter use (tuner) I am not going to measure wire length just put up the MOST surface area I can.

I also use an G5RV style inverted Vee fed with 450 ohm open line.

What can I expect from this loop?

Would no balun be better?

Would a 200 foot tower with a 180 element multiband beam be better?

Would a telephone be better?

Would my own satellite be.....well you know the rest!

All comments appreciated.

Jim KC7GHP in Peoria Arizona (NCG7,21,50, TS140 scratch built tuner soon to be AT11 kit)

```
#####
##### "He who would trade liberty for security #####
#####          deserves neither!"          #####
#####          Benjamin Franklin            #####
#####
```

James R.Sharp
lobar@doitnow.com

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Buck Switzer <n8cqqa@tir.com>
Subject: [16667] VE3DNL Marker Kit
Message-ID: <199704052109.QAA24026@tir.com>

Guys - Received the kit, built it and am using it to re-align an HW-8 that's way off base. Neat kit, easy to do, cheap (\$6), and easy to use. Thanks.

The usual disclaimers. Contact Jackson Harbor Press at the above address for info.

72/73 Buck

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Ken Freedman <n1qqv@cshore.com>
Subject: [16675] WQ4PL
Message-ID: <3.0.32.19970405174618.006aeb78@cshore.com>

Randy is operating on 3.561.5 now (22:43Z) looking for customers. Go get 'em! I have WQ4LP on 3 bands so far...

Ken Freedman
AKA: N1QQV/QRP VE, EC Madison CT, QRP-L
Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: k4wz@juno.com (RON L TODD)
Subject: [16629] WQ4RP
Message-ID: <19970406.080833.9151.64.k4wz@juno.com>

Has anyone heard WQ4RP yet.
Nothing in Atlanta last night or today.

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [16636] WQ4RP
Message-ID: <970405144537_70511.3041_IHD47-1@CompuServe.COM>

Ron:

Nope, not heard here in Rochester, Minn. Maybe later?

72/73,
--Doc/K0EVZ qrp-1 861 cq 414 norcal mn-qrp 19 nj-qrp 69 ak/qrp 139 arrl

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>
Subject: [16638] Wq4rp
Message-ID: <9704051500.AA21739@tlcnet.muohio.edu>

wq4rp or a bootlegger answered my cq, then disappeared. Did not give me a report. This was on 40 meters at about 8:30 est. I don't think of it as a contact. hi

de vic ad8k . . :-)

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: k4wz@juno.com (RON L TODD)

Subject: [16639] WQ4RP

Message-ID: <19970406.100156.9151.66.k4wz@juno.com>

Just worked on 7.040.5 559 into Atlanta, GA and building.

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: k4wz@juno.com (RON L TODD)

Subject: [16641] WQ4RP

Message-ID: <19970406.101838.9151.68.k4wz@juno.com>

Just worked on 40 7.040.5 Mhz and 30 10.116 Mhz sig is building
Good Luck
Ron

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: w8lrm@qtm.net

Subject: [16645] WQ4RP

Message-ID: <199704051617.LAA11071@garcon.qtm.net>

Just worked WQ4RP on 10.116.1 Gud sig
for the low power. Now to find him on 40.

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>
Subject: [16666] wq4rp calling cq no takers
Message-ID: <9704052054.AA17248@tlcnet.muohio.edu>

WQ4RP is calling cq on 7040 No takers or things very slow. I got a 559 out of Ohio. GET HIM!

de vic ad8k . .

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: VE3JC John <jbcumming@wwdc.com>
Subject: [16637] WQ4RP PORTSMOUTH 10.116 AT 1447
Message-ID: <33466690.4358@wwdc.com>

WQ4RP NOW ON 10.116. GO GET EM!

VE3JC - JOHN CUMMING
192 WELLINGTON ST. DELAWARE, ON CANADA, N0L 1E0

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: ka7you@juno.com
Subject: [16673] WTB-B&K manuals
Message-ID: <19970405.142549.2271.4.KA7YOU@juno.com>

I just acquired several pieces of B&K test gear from a garage/estate sale. The deceased was a part time TV repairman. There were no manuals for the following:

- Model 820 Capacitance meter
- Model 283 Benchtop DVM
- Model 1805 8-digit (50 Mhz ?) freq counter
- Model 1077B TV Analyst

All but the freq counter work, but the DVM needs calibration.

Any information or sources would be appreciated.

I bought a total of twelve pieces of gear, and a big box of misc parts which included an HP thermistor mount. She had no idea about what happened to the cable or the meter that it went with. :>(It is the type that goes with my HP 431C Power meter, and IT WORKS! Now if I could only find a REAL cable instead of my homemade one...

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: k7sz@juno.com (Rich H Arland)
Subject: [16640] WTB: FV-301 VFO & FP-301D PSU
Message-ID: <19970405.151032.14695.11.K7SZ@juno.com>

Gang:

The FT-301S I got from Dave Fifield, works GREAT! Now I need the remote VFO (FV-301) and the base station power supply (FP-301D) with digital clock and ID timer.

Anyone got these two accessories that they want to part with?

OBTW: this radio came complete with the 600 cps CW filter, 6 kc AM filter, and the 2.4 kc RF processor filter installed. Not a bad deal for \$260!

73 rich K7SZ

PS: eat your heart out, Cook!

PPS: From the "Official 1947thComm Gp Dictionary":
The definition of a Dummy Load: a truck full of Microwave Maintenance and/or Ground Radio Maintenance personnel driven by a Tech Controller!

Remember: EVERYTHING is UNDER Control!

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "Scott Thomas" <thomass@ntplx.net>
Subject: [16643] Re: 38s Thump Fix
Message-ID: <9704051543.AA02993@ntplx.net>

I have made the 49er mute mod to my 38s as suggested by Niel Kristjansson Mar 22 1997 and it works terrific. It will take you about 15 minutes and use about \$2 worth of parts. I used the \$.99 FET that Radio Shack sells,
2

X 4.7meg resistors in series, a small sig diode, and the .01uf cap. I placed the JFET on the solder side of the board flat side towards the board across the trace cut. I had previously cut the trace bwtween c15 and the input resistor to the audio amp, so I put the JFET (source and drain) across that trace. I soldered the resistor to the left leg of the JFET as viewed from the back of the board. Niel's original message follows.

Best of success,
Scott

> -----
> Date: Sat, 22 Mar 1997 17:41:47 -0700
> From: Niels Jensen Kristjansson <nkristja@cadvision.com>
> To: qrp-1@lehigh.edu
> Subject: [15428] 38S NO THUMPING
> Message-ID: <1.5.4.16.19970322053903.1f378040@cadvision.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="iso-8859-1"
> Content-Transfer-Encoding: quoted-printable
>
> Just finished my 38S thump mod and it workes like a charm. A while back I
> built a 350mW audio amp on a little circuit board and installed it on to
> the volume on/off, control. The amp made the key thump worse to a degree
> of really bothersome. I remembered how the audio is muted during
transmitt
> on the 49-er, so I installed the same circuit in between U2 pin 11 and
C15
> where I had cut the trace. The circuit is only four components, 10Meg
> resistor, 10nF(0.01uF) cap, 1N4148 diode and a 2N4858 FET. The reason
for
> the choise of 2N4858 is that I had one in my junkbox. The components
> are mounted on the underside of the circuit board. The cathode of the
> diode goes to U4 pin 13, keying. Have a look at the 49-er schematic, Q1,
> R3, C8, D2 and it will all make sense, those who dont have one, look at
> the one on NorCals homepage. I now have a comletely thump free 38S with
> the 5W variable mod set at about 3.5W, this seems to be a happy medium
> between output power, battery consumption and the size of heatsink I use.
> Dont know if I will do the RIT mod as my offset seems to be just perfect
> also I plan on using a spare Curtis Chip keyer I have because the
sidetone
> osc in the 38S is such a good indicator of how the output RF signal is.
>
> 72 de Niels VE6NJK/TF3NJ
> -----
>

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Harry Bump <bump@redrose.net>
Subject: [16610] Re: Cleaning boards
Message-ID: <3345DA8A.40A6@redrose.net>

Ron and the group,

I don't know if it's 'RIGHT' but I've always cleaned the flux from

my boards with an old toothbrush and finger nail polish remover. After scrubbing the back of the board, I flush the remover away with water then let the board sit at least a day to make sure it is dry.

73,

Harry, KM3D

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [16623] Re: Copying outter Space QRP
Message-ID: <860230168.0624119.0@gqrpclub.demon.co.uk>

Keep taking the tablets (as the Lord said to Moses).
---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: wd4et@juno.com
Subject: [16613] Re: Dan's "Centennial" transciever
Message-ID: <19970404.205929.12982.0.wd4et@juno.com>

Doug,

I have ordered from Dan's three times. The amounts were small, averaged about \$25. In all three cases, the orders were received within a couple of weeks. All parts were as specified and at pretty good prices compared to the major parts houses.

Just a customer.

73, Jeff WD4ET

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Robert Paschal <r-paschal@worldnet.att.net>
Subject: [16616] Re: Dan's "Centennial" transciever
Message-ID: <19970405032436.AAA26598@LOCALNAME>

At 01:28 AM 4/5/97 +0000, you wrote:

>Doug,

>

> I have ordered from Dan's three times. The amounts were small,
>averaged about \$25. In all three cases, the orders were received within a
>couple of weeks. All parts were as specified and at pretty good prices
>compared to the major parts houses.

>

> Just a customer.

>

> 73, Jeff WD4ET

>

I've made a couple of small orders to Dan's, the last being 2-7/97. The orders were promptly filled and I have no complaints.

Bob AA0MC

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997

From: Doug <doug@sunrise.alpinet.net>

Subject: [16619] Re: Dan's "Centennial" transciever

Message-ID: <3345D522.13B5@alpinet.net>

Howard and others....I guess you've been lucky or just been in the right time slot for Dan. Several of us here in MT have not had as shiny an experience with him. So...if you feel offended then so be it...none was intended. Spend your money as you wish...many of his fellow MT residents don't feel as kindly disposed, and have found him to be generally unresponsive. Good luck and I'm glad you pleased.

As far as posting my experiences here, I'll speak my mind when I feel so moved. And, I figure it's better to tell the story than have some folks suffer bad experiences when a word or two might have prevented it.

73

Doug, K7YD

Howard Z Weinstein wrote:

>

> Greetings Doug and QRP-Lers

> I have NEVER HAD ANY problems with Dan's Small Parts. I take offense
> at this posting and recommend that you be extremely careful as to what
> you say in this public forum!

> Howard K3HW

>

>

```

> ----- Reply Separator -----
> Subject: Re: Dan's "Centennial" transciever
> Author:  doug@sunrise.alpinet.net at MAILHUB-SMTP
> Date:    4/3/97 9:00 PM
>
> Hi John...just a word of caution.  Dan's Small Parts or whatever else
> he calls it has been unresponsive to the Hams right here in Montana...
> let alone from out of state.  We even sent a delegation to his last few
> addresses in Missoula and found nothing.  So...most of us here avoid
> dealing with him.
>
> I think I'd consider long and hard about this guy...he seems to never
> stay in one place very long.  It's a shame...as it would be really nice
> to have a parts dealer right here, but after doing some research on
> him....it's up to you.  But, I think I'll pass.
>
> Caveat Emptor
>
> Doug, K7YD
> Livingston, MT
>
> N4JS wrote:
> >
> > Just an update.  It has been 2 weeks since I faxed "Dan's Small Parts" and
> > asked How big was the board, and how much for the CW option.  I have still
> > not received a reply.  Anybody else had any luck?  My checkbook is cooling
> > off.....
> >
> >
> > John L. Sielke n4js@amsat.org n4js@pobox.com
> > | \ | | | | _ | | / _ _ | n4js@n4js.ampr.org NJ Grid:FM29LN
> > | . ' | | _ _ | | | \ _ _ \ http://www.pobox.com/~n4js
> > | _ | \ _ | | _ | \ _ _ / | _ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
> > NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781

```

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
 From: DCrespy@aol.com
 Subject: [16618] Re: Dan's "Centennial"transciever
 Message-ID: <970404230504_808127897@emout19.mail.aol.com>

Gang,

I have to speak up on this..

I have used Dan's for years. Always reliable and honest to a fault. Nice stuff, honestly represented..... sometimes surplus, but always good quality at a fair price. My NN1G MKII from Dan's (3 or 4 years ago) is still my

main QRP rig.

I was really disappointed the year that he was unable to continue filling orders. One I sent just before his "sabbatical", was returned with a nice personal note from (as I remember) his daughter about his failing health. Dan provides a terrific service to our community.. We should be excited that he is healthy again and back in business.

Harry KG5LO
Saline MI

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16620] Re: Dan's "Centennial"transciever
Message-ID: <8D544D8.0004001F6D.uuout@cheaha.com>

-> Sorry to hear that Dan's is not on your preferred supplier list. It
-> is true that he has come and gone several times for unexplained
-> reasons, but my dealings with him have always been more than
-> satisfactory. He has been honest, everything has been as represented
-> and his prices well within reason.

I've only ordered from him once and there was about \$6 worth of parts missing in the shipment. I called him and though I could tell he wasn't all that thrilled about the situation he didn't hesitate to tell me he'd get the parts out to me...a couple of days later they arrived priority mail. Priority mail costs \$3. Even though it took a good chunk out of his profit, he handled my shortage promptly. That was my first experience with him....won't be my last. I'll buy from him again.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: d.nordquest@juno.com
Subject: [16653] Re: Dan's Small Parts
Message-ID: <19970405.114339.4303.0.d.nordquest@juno.com>

I,too,got good service & value from Dan's.
Dave KE9ED

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [16656] Re: Dan's Small Parts
Message-ID: <Pine.GS0.3.95.970405143302.9829A-100000@orichalc.acsu.buffalo.edu>

I never ordered anything from Dan. I don't know how this thread started.
My wife wants to know why everyone is talking about

"Dan's Small Parts" :-) Poor guy. At least he is endowed with a lot
of neat stuff.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

On Sat, 5 Apr 1997 d.nordquest@juno.com wrote:

> I,too,got good service & value from Dan's.
> Dave KE9ED
>

From owner-qrp-1@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Randy Foltz <rfoltz@wsu.edu>
Subject: [16603] Re: FSFM aka 50/40/30: Report de WZ2T
Message-ID: <Pine.OSF.3.95.970404162056.22414B-100000@unicorn.it.wsu.edu>

Thanks for the nice note, Richard. I had looked for you or Mark on 30 without any luck. Came back to the radio after supper and found you calling and you know the rest of that story.

Later I sent code practice on 2 M to a group of folks here in ID. Afterwards one of the fellas and I were listening on 40, he at his house and I at mine, and talking about what we were hearing. I found a HI station, guided him to it, then proceeded to work the HI while I was giving a blow by blow on 2 M. Next I found a MM station and did a blow by blow narration of one side of that QSO. The fella on 2 M is a no-code tech working on upgrading. I think I might have gotten the CW hook into him. Anyway, a great evening.

72,
Randy
AB7TK ARCI QRP-L NORCAL NWQRP ARS
Moscow, ID

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Wa2eaw@aol.com
Subject: [16627] Re: Need a battery monitor?
Message-ID: <970405065058_-534981760@emout08.mail.aol.com>

Hello Frank;
I like your battery voltage monitor but the schematic is a bit fuzzy. It did not improve when I sent it to the printer. Can you improve the image or e-mail me a sharper schematic. I can use this little fellow in the field. Thanks for the time and trouble I may put you thru.
72 de WA2EAW....Bob

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Frank McCrackin <wb6lma@cdsnet.net>
Subject: [16601] Re Nested Half-Squares
Message-ID: <199704042308.PAA15431@mail.cdsnet.net>

At 01:47 PM 4/4/97 +0000, you wrote:

<snip>

>I also have "Nested Half-Squares" for 15, 17, 30 & 40m. In fact, the half-square may be a good option for you -from a roof-top. They are no longer than a dipole and work many times better for DX. Interested in trying a couple of ideas? 72 =s=
>

Will you please give me a description of how you nested several half-squares. I have been modeling single half-squares fed by open-wire (connected at a corner or down part way on one of the vertical sections) plus a tuner. The patterns look pretty good if one stays within 2:1 or 1:2 frequency ranges but beyond the low angle DX pattern fails. I have given thought to nesting but haven't really come up with anything. Are you using a single feedline or multiples? Any help would be much appreciated.

72, Frank - WB6LMA

QRP ARCI #8959 NORCAL QRP #1387 G-QRP #9082 QRP-L #542 CQC #333 ARS #115
Lat. 42.2240 Long. 123.1671 Grid CN82HL NE-QRP #485
Frank McCrackin
Address: 180 Calvert Drive E-MAIL: wb6lma@cadsnet.net
QTH: Grants Pass, OR 97526 FAX: 541-476-1600 Phone: 541-476-8240

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: n4js@amsat.org
Subject: [16663] RE: Original Question (Was Dan's Small parts)
Message-ID: <XFMail.970405152115.n4js@amsat.org>

Now that everybody's had their say about poor Dan (BTW, I have had good service, too)...Can we get back to the original question that started this??

1. What size is the board on the "Centennial Transciever?"
2. How much is the CW option?

And yes, I tried faxing my questions to Dan...Maybe somebody else know the "originator" of the rig/

Sent at 15:21:15 on 05-Apr-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.pobox.com/~n4js>
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781
WIMPS Qs=008 30m=8 17m=0 12m=0 States=02/00/00 Countries=07/00/00

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [16657] Re: QRP-ARCI SPRING QSO PARTY RULES
Message-ID: <Pine.SOL.3.91.970405144803.21887A-100000@hyper>

On Thu, 3 Apr 1997, Owen 'OJ' Quarles wrote:

> Howdy from Texas!
> Where can I find the rules for the upcoming contest? I can't find them
> on the ARCI web page.
>
I have them on my web page (shown in signature below)...

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net
<http://www.shadow.net/~n4bp/n4bp.htm>

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: Wa2eaw@aol.com
Subject: [16628] Re: Shack pictures
Message-ID: <970405065725_1750558902@emout13.mail.aol.com>

To any and all;
Yes!!!! Wow!!!! BUT!!!!!! my wife would have thrown me out with the equipment
if that is where all the time and money went. Its nice to live in a fantasy
world, just dont try and put it into the real world. Big problems take place.
I can dream though.
72 and gud luck de WA2EAW...Bob

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [16626] Re: The X Y Z's of Oscilloscopes
Message-ID: <33425095.60156140@smtp.usit.net>

On Tue, 1 Apr 1997 11:55:33 -0600, "Claton Cadmus"
<aplitech@Spacestar.Net> wrote:

>Has a copy been placed on the QRP-L ftp site?
>
>-----
>: From: CHARLES K BROWN <n4so@juno.com>
>: To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>: Subject: The X Y Z's of Oscilloscopes
>: Date: Tuesday, April 01, 1997 8:28 AM
>:=20
>: The zipped file was sent to two on the list who received the =
attachment
>: and were able to unzip it with PKunzip.

>: The file name for the booklet is TSCOPE.ZIP.
>: If you receive attachments and know how to handle the attach file I =
can
>: try sending it. You will need PKunzip to unzip the file. The X Y Z's=
of
>: Oscilloscopes is a basic study
>: guide for learning about oscilloscopes.=20

I don't want to be a party pooper, but has anyone gotten permission
from Tektronix to post this stuff? The booklet, in disk or booklet
form, is copyrighted, and written permission would be required.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-l@Lehigh.EDU Sat Apr 5 18:04:02 1997
From: John Seboldt <rohrwerk@pcOnline.com>
Subject: [16646] Re: Using an Unbalanced Tuner with a Balanced Feedline
Message-ID: <103020901af6bc65d8e5a@[206.145.48.184]>

Claton Cadmus said:

>Charles Kadesch wrote:

>

>: Jim:

>: A good way to use an unbalanced tuner with a balanced feed line

>: is to use a balun on the tuner input and "float" the RF ground

>: of the tuner.

>

>I would advise against this. Although it will provide "better" balance, an
>unbalanced T or L style tuner is just that, unbalanced. Doing this can put RF
>on the tuner controls and metal case.

>

>The best approach I have found for using unbalanced tuners with balanced
>feedlines is a coax choke balun after the tuner. This keeps the RF out of the
>shack, balances the feedline, is low loss and doesn't cost much.

>

>To make one get a piece of 3" to 5" OD PVC pipe. Close wind 30 feet of RG-58

>solid poly dielectric coax on the pipe(don't use foam dielectric). Put a coax
>connector at one end and a couple of connectors spaced for your balanced line
>on the other. That's it. Works great, and low loss on HF for reasonable
>SWR's. Good 80 to 10 meters probably OK on 160.
>
>Hope this helps.
>----
>73 de KA0GKC Claton Cadmus
>E-mail cla@spacestar.net

Ed Pacyna and others have raised a few questions about the whole question of "balun on the input" or not. Here's my take...

It may be true that a balun on the input or output of an unbalanced tuner will be problematic as far as perfect balance. However, it is also true that any balun on the output will see variable impedances in the typical multi-band "tuned line" approach. This means that if the line input impedance is high, the balun's reactance may not be adequate to act properly. Thus, in many circumstances, a balun on the output of an unbalanced tuner is pretty dumb, because it just can't do its job. So if you're gonna do it, put it on the input for sure.

I have also experienced the inadequacies of the coax choke balun described, when broadcast band rejection is required. In this case, at AM broadcast frequencies, the balun does nothing to keep these from riding right in and causing problems even with the high-quality direct-conversion approach of the R2. In these cases, a broadband transformer wound on a ferrite balun core does a good job, as could one wound on a good-size ferrite toroid.

My homebrew implementation of this is with an unbalanced SPC circuit built on a board (no hot chassis problems for me :-). The balun on the input is a BN-43-3302 core with 3 turns each, primary and secondary. Rejection of the AM broadcast problem is complete.

It is also complete with my more compactly-constructed Z-Match circuit, which is closer to a true balanced setup. In practice, either one works quite well with a 350-foot horizontal loop fed with 450 ohm ladder line. Both show a substantial increase in line noise and broadcast interference rectification when configured unbalanced (balun bypassed in the one case, one side of output grounded in the Z-match case).

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